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PATENT APPLICATION  
Attorney Docket D/90296

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Office of General Counsel

Date

2/8/93

James T. Beran

James T. Beran

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2/24/93  
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FEB 26 PM

GROUP 2300

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**

In re application of: **Jock Mackinlay et al.**

Serial Number <b>07/561,627</b>	Filing Date <b>August 2, 1990</b>	Examiner <b>Michael Smith</b>	Group Art Unit <b>2301</b>
Title: <b>MOVING VIEWPOINT WITH RESPECT TO A TARGET IN A THREE-DIMENSIONAL WORKSPACE</b>			

Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Transmitted herewith are:

- ☒ Information Disclosure Statement.
- ☒ PTO-1449 with copies of listed items.
- ☐ Certification Under 37 CFR 1.97(e)(1).
- ☐ Certification Under 37 CFR 1.97(e)(2).

- ☒ Charge the Information Disclosure fee of \$ 200.00 under 37 CFR 1.17(p) to Deposit Account No. 24-0025. Two copies of this sheet are enclosed.
- ☐ Charge the Petition fee of \$ 00.00 under 37 CFR 1.17(i)(2) to Deposit Account No. 24-0025. Two copies of this sheet are enclosed.
- ☒ Please charge any additional fees under 37 CFR 1.16, 1.17 and 1.21 (but not 1.18), or credit any overpayment to Deposit Account No. 24-0025. Two copies of this sheet are enclosed.
- ☒ This constitutes a request for any needed extension of time and an authorization to charge all fees therefor to the above deposit account, if not otherwise specifically requested.

James T. Beran

James T. Beran

Signature under Rule 10.18

Registration No. 31,090

Telephone No. 415-812-4253

Palo Alto, California  
Date February 8, 1993



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**PATENT APPLICATION**  
**Attorney Docket No. D/90296**

**CERTIFICATE OF MAILING**

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**GROUP 2300**

#14

James T. Beran  
James T. Beran

2/8/93  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Jock Mackinlay et al.

Application No.: 07/561,627

Group Art Unit: 2301

Filed: August 2, 1990

Examiner: Michael Smith

Title: **MOVING VIEWPOINT WITH RESPECT TO A TARGET IN A  
THREE-DIMENSIONAL WORKSPACE**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Supplemental to the Amendment with Information Disclosure Statement dated November 12, 1992, this Statement submits information that may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

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This Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but the undersigned believes this Statement is being filed before the mailing date of a Final Rejection or Notice of Allowance. Enclosed is a Transmittal

Letter authorizing payment of the fee of \$200.00 for submission of an information disclosure statement under 37 C.F.R. 1.17(p).

This Statement is not intended to constitute an admission that any information referred to herein is "prior art" in relation to the claimed invention unless specifically designated as such. In accordance with 37 CFR 1.97(g) and (h), the filing of this Statement shall not be construed to mean that a search has been made or that the information submitted herewith is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).

A list of the enclosed item is set forth on the attached one page of Form PTO-1449. The relevance of the listed item is set forth below.

McLean et al., US-A 5,095,302, describe a three dimensional mouse. Col. 1 line 52-col. 2 line 6 and col. 5 lines 36-68 describe various uses for a third input dimension, allowing the operator to, for example, pick a particular location within a three dimensional isometric graphical display, to control an image "zoom" function (to magnify or de-magnify an object), or to translate an object or a model in a direction orthogonal to the standard 2D screen directions. Fig. 1 shows a mouse. Fig. 2 shows a three-dimensional body on a display screen, illustrating use of X, Y, and Z coordinates to locate a cursor in all three dimensions. Fig. 3 shows how X, Y, and Z inputs generated by mouse movement are transmitted to inputs of a computer for controlling a cursor movement.

The Examiner's attention is also drawn to related Application No. 07/488,587; 07/562,048; and 07/770,196 and the claims and information submitted in relation thereto. Identification of any related application

herein does not waive secrecy as to that application now or upon issuance of the present application as a patent.

The undersigned requests that the Examiner consider the items set forth above and make them of record in this application.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "James T. Beran", is written over a horizontal line.

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Registration No. 31,090  
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Palo Alto, California  
February 8, 1993